

Haram Yoon

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[GitHub](#) | [LinkedIn](#) | [Calendly Meeting](#) | [Personal Portfolio](#)

EDUCATION

Pomona College | GPA - 3.7/4.0

Claremont, CA

Bachelors of Arts in Computer Science & Cognitive Science w/ math minor

Expected Grad: May 2026

Relevant Coursework: Intro CS, Discrete Math & Functional Programming, Data Science & Statistical Learning, Linear Algebra, Calculus III, Math of Big Data, Statistical Linear Models, Cognition and the Brain

Organizations: Pomona Robotics Programmer & Executive Officer, Pomona AI Project Engineer, Questbridge Scholar, Smart Start 2023 Fellow, Claremont Design CO, Github All In For Students Cohort Member, CodePath Fellow

SKILLS

Front-End Skills: *HTML, CSS, Tailwind, Javascript, Typescript, React, React-Native, Redux, Flutter, Dart*

Back-End Skills: *Node.js, Express, MongoDB, Firebase, Next.js, tRPC, GraphQL, Prisma, Python, Flask, SQL(NoSQL, MySQL), PostgreSQL, SQLAlchemy, Java, AWS Cloud Services, Rest Apis, Unit Testing*

Other: *Pandas, Numpy, Scikit-learn, Data Visualization, R, Object-Oriented Programming, Data Structures, Algorithms, Git/GitHub, Jupyter, Visual Studio*

EXPERIENCE

Associated Students of Pomona College

12 /2023-PRESENT

Software Developer

Claremont, CA

- Architected and iteratively enhanced the ASPC platform utilizing **React** and **Ruby on Rails** to expand core functionalities, conduct seamless database updates within a robust data-driven ecosystem, and provide critical services to over 1,500 students.
- Implemented the seamless integration of p-Recs, an AI course recommendation model developed with **Python** and **Docker**, boosting student course satisfaction by 50% and nearly doubled student engagement

5C Hack

9/2023-PRESENT

Front-End Developer

Claremont, CA

- Maintained website functionality and optimized UI/UX design by continuously integrating new features and updating relevant information on a **AWS** hosted website for hundreds of students
- Engineered a new **React** web app to replace the existing one, improving quality through reusable components, code splitting, and **Html & CSS** styling, which improved website performance by over 50% and created a more user-friendly experience

Pomona College

9/2022-PRESENT

IT Service Desk Consultant

Claremont, CA

- Represented the college's **first line of help** regarding IT issues, resolving dozens of **software issues** daily, and contributing to improving loan system efficiency by 50% through an enhanced ticket system
- Orchestrated seamless integration of Pomona's **IT systems** by communicating with **cross-functional teams**, resulting in a 40% increase in system uptime

PROJECTS

p-Reset: Personalized Self-Care Web App ([Github](#)) | *Software Development Team*

9/2023-12/2023

- Engineering a full-stack, AI-powered personalized self-care app with **Nextjs**, **Tailwind**, and **Flask** that allows journaling, habit tracking, and **Google Calendar API** integration through an **AWS RDS**-hosted **Postgres SQL** database
- Implementing **NLP techniques** and ML algorithms like **clustering** and **LDA** using **Python** to generate customized recommendations and optimize scheduling around self-care tasks and healthy habits and integrated with web app

Spoti-Tweet ([GitHub](#) / [Website](#)) | *Lead Developer*

6-8/2023

- Developed a full-stack web app cloning core Spotify features and Twitter posts that consist of a song being attached to some content using the T3 stack (**Tailwind**, **TypeScript**, **tRPC**) with **Next.js** and the **Spotify API**
- Implemented Spotify OAuth through **NextAuth** to retrieve users' Spotify data and create users for a **MySQL** relational database
- Engineered reusable UI components like custom players, search, artist/playlist/song info using **Spotify API**
- Designed **Prisma** models for **scalable relational data models** and utilized **tRPC** for **type-safe CRUD operations** for a user's profile, posts, comments, likes, feed, and following

Fullstack E-commerce Site ([GitHub](#) / [Website](#)) | *Lead Developer*

6-7/2023

- Utilized **redux** state container with **React-dom** to create 30+ navigable pages and 20+ pseudo products
- Developed **Firebase** user authentication flows, account management, admin CRUD operations, & data persistence across products, users, carts, & orders using **NoSQL** through **Firestore's non-relational, dynamic schemas**
- Engineered **Nodejs server** to replicate checkout functionality through **Express** and **Stripe API**

CERTIFICATES

Lyft Back-End Engineering Virtual Experience Program — *Intern*

8/2023

- Accumulated insight into software development by **designing architecture**, **refactoring** broken systems, evaluating **code reviews**, developing **unit tests**, and creating functionality through **test-driven development**

JPMorgan Software Engineering Virtual Experience Program — *Intern*

10/2022

- Expanded software engineer skills through **data feed analysis** interfaces, **JMPC frameworks**, and **data visualization** software